



Commissioner for Patents  
Washington, DC 20231  
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Bib Data Sheet

CONFIRMATION NO. 4463

<b>SERIAL NUMBER</b> 09/905,717	<b>FILING DATE</b> 05/09/2001 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2631	<b>ATTORNEY DOCKET NO.</b> HA-0109
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**APPLICANTS**

Frederic Joel Harris, Lemon Grove, CA;

**\*\* CONTINUING DATA \*\*\*\*\*****\*\* FOREIGN APPLICATIONS \*\*\*\*\*****IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\* SMALL ENTITY \*\*****\*\* 07/13/2001**

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 15	<b>TOTAL CLAIMS</b> 5	<b>INDEPENDENT CLAIMS</b> 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

**ADDRESS**

ROBERT A. BROWN  
Attorney at Law  
P. O. Box 2127  
Northbrook ,IL 60065-2127

**TITLE**

Recursive resampling digital filter structure for demodulating 3G wireless signals

<b>FILING FEE RECEIVED</b> 440	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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Bib Data Sheet

CONFIRMATION NO. 4463

<b>SERIAL NUMBER</b> 60/289,877	<b>FILING DATE</b> 05/09/2001 <b>RULE</b>	<b>CLASS</b>	<b>GROUP ART UNIT</b>	<b>ATTORNEY DOCKET NO.</b> HA-0109	
<b>APPLICANTS</b> Frederic Joel Harris, Lemon Grove, CA; <b>** CONTINUING DATA *****</b> <b>** FOREIGN APPLICATIONS *****</b> <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY **</b> <b>** 07/13/2001</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <u>                    </u> Examiner's Signature <u>                    </u> Initials <u>                    </u>		<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b>	<b>TOTAL CLAIMS</b>	<b>INDEPENDENT CLAIMS</b>
<b>ADDRESS</b> ROBERT A. BROWN Attorney at Law P. O. Box 2127 Northbrook, IL 60065-2127					
<b>TITLE</b> Recursive re-sampling digital filter structure for demodulating 3G cellular signals					
<b>FILING FEE RECEIVED</b> 75	FEES: Authority has been given in Paper No. <u>                    </u> to charge/credit DEPOSIT ACCOUNT No. <u>                    </u> for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other <u>                    </u> <input type="checkbox"/> Credit		